RECEIVED **CENTRAL FAX CENTER**

Aug-12-05

03:20pm

From-Affymetrix, Inc.

AUG 1 2 2005 408 731 5392

T-185 P.001/008 F-724

AUU 1 Z ZUUD

Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no porsons are required to respond to a collection of information unless it displays a valid OMB control number.

| -: · · · · · · · · · · · · · · · · · · · | | | | | | |
|---|--|--|----------------|-------------------------------|--|-------------|
| | | Application Number | 1 | 0/712,322 | | |
| TRANSMITTAL | Filing Date | N | lovember 12, 2 | 003 | | |
| FORM | First Named Inventor | т | homas R. Ging | geras | | |
| | Art Unit | 1 | 634 | | | |
| | Examiner Name | l | Jnknown | | | |
| to be used for all correspondence after to tal Number of Pages in This Submission | on 8 | Attorney Docket Nun | nber 3 | 3535.1 | | |
| | | SURES (check all that : | apply) | | | |
| Fee Transmittal Form | Drawing(| | | After Allowanc | e Communication to | TC |
| | _ | · | 10 | | nunication to Board | |
| Fee Attached | 1 | Licensing-related Papers | | | nd Interferences nunication to TC | |
| Amendment / Reply | Petition | Petition | | | Brief Reply Brief) | |
| After Final | Petition to | o Convert to a nal Application | 1 | Proprietary Inf | formation | |
| Affidavits/declaration(s) | Power of Change | Attorney, Revocation of Correspondence Addre | ess [| Status Letter | | |
| Extension of Time Request | Terminal | Disclaimer | | Other Enclos (please identify | ure(s) below: | |
| | Request for Refund | | | Substitute for for | m 1449 (one page); | |
| Express Abandonment Request | CD, Nun | nber of CD(s) | | or PCT US03/35 | iona Search Report 819 (4 pages). | |
| Information Disclosure Statement | | indscape Table on CD | | _ | | |
| Certified Copy of Priority Document(s) | Remarks | | | | | |
| Reply to Missing Parts/ | | | | | | |
| Incomplete Application | 1 | | | | | |
| Reply to Missing Parts under 37 CFR1.52 or 1.53 | | | | | | |
| SIG | NATURE OF | APPLICANT, ATTOR | NEY, OR | AGENT | · | |
| Firm | Affymetrix, Inc | | | | | |
| Cianatura | | | 7 . 01 | | | |
| Signaturė | W | iorz e. B | OCE | | | |
| Printed Name | Leticia R. Bio | | OUE | | | |
| | | ck | Reg. No. | 50,167 | | |
| Printed Name Date | Leticis R. Bio August 12, 20 CERTIFIC | ck 2005 ATE OF TRANSMISS | Reg. No. | 50,167 | | |
| Printed Name Date I hereby certify that this corresponde Service with sufficient postage as | Leticia R. Bio August 12, 20 CERTIFIC once is being first class mai | ATE OF TRANSMISS acsimile transmitted to the | Reg. No. | 50,167 | n the United States Patents, P.O. Box | Post 145 |
| Printed Name Date I hereby certify that this corresponde Service with sufficient postage as Alexandria, VA 22313-1450 on the data | Leticia R. Bio August 12, 20 CERTIFIC once is being first class mai | ATE OF TRANSMISS acsimile transmitted to the | Reg. No. | 50,167 | h the United States Patents, P.O. Box | Post 145 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including partering, preparing, and automitting the completed application form to the USPTO. Time will vary depending upon the individual cate. Any comments on the amount of time you require to complete this form antitor suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and amount of time you require to complete this form antitor suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Committee, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-000-PTO-9199 and solvet option 2.

T-185 P.002/008 F-724

RECEIVED CENTRAL FAX CENTER

AUG 1 2 2005

PATENT

Attorney Docket No.: 3535.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas R. Gingeras

Serial No: 10/712,322

Filing Date: November 12, 2003

Title: Methods, compositions and computer software products for interrogation sequence variations in functional genomic regions Examiner: Unknown

Group Art Unit: 1634

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying U.S. Patent & Trademark Office's Form are called to the attention of the Examiner for consideration in connection with the above-identified patent application. The documents were first cited in the corresponding International Patent Application No. YS03/35819, on March 29, 2005. A copy of the search report is enclosed here with.

Citation of these documents shall not be construed as (1) an admission that the documents are necessarily prior art with respect to the instant invention; (2) a representation that a search has been made; or (3) an admission that the information cited herein is, or is considered to be, material to patentability in any way, including that as defined in § 1.56(b).

Applicant believes that <u>no fee is required</u> for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the

BEST AVAILABLE COPY

Serial No.: 10/712,322

Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 01-0431 in order to have this Information Disclosure Statement considered.

Respectfully submitted,

From-Affymetrix, Inc.

Date

R.Block

Reg. No.: 50,167

Customer No. 22886 Legal Department Affymetrix, Inc. 3380 Central Expressway Santa Clara, CA 95051 Phone 408-732-5000 Facsimile 408-731-5392

03:20pm

From-Affymetrix, Inc. CENTRAL FAX CENTER 408 731 5392

T-185 P.004/008

F-724

PTO/SB/08a (08-03)

| | | | AUG | _ | LLC Pater | and Tendan | nado Milia | se through 07/31/ e: U.S. DEPARTN | | MMEH |
|---|--------------|--|--|--|--|--------------------------------|-------------------|--------------------------------------|-----------------------------|--------------|
| | | ne Paperwork Reduction Act of 199 | 5, no persons an | e required | to respond to a | a collection of it | | | ALL CARD CO. | O I REI |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Complete if Known | | | | | | |
| | | | | | | | | 2,322 | | |
| | | | | Filing Date | | | November 12, 2003 | | 3 | |
| | | | | First Named Inventor | | | Thon | nas R. Gingera | s | |
| (Use as many sheets as recessary) | | | Art Unit | | | 1634 | | | • | |
| | | | Examiner Name | | | Unkn | own | | • | |
| Sheet | | | | Attorney Docket Number | | | 3535.1 | | | |
| Olicer | • | | <u>*</u> | <u>' </u> | | | · | | | |
| | | | U.S. PA | TENT | DOCUME | NTS | | | | |
| | | Document Number | Publication | n Data | Date YYY Namo of Patentee or Applica Cited Document | | | Panes Columns Lines, Wilele na | | Ralevar |
| Examiner Initials * | Cite No. | Number - Kind Codo ² (if known) | MM-DD- | YYYY | | | Passages or P | | es ar Relevant es Appear | kalevant . |
| | | | 10-26- | 1999 | - | eterson et al | | | | |
| | | US-5,972,608 US-6,306,643 | 10/23/ | | | | | | | |
| | | US- 6,322,985 | 11-27- | _ | — | Kashi et al | | <u> </u> | | |
| | | US- 6,468,742 | 10-22- | | Nerenberg et a | | el . | · | | |
| - | | US- | 1 | | | | | | | |
| | | US- | 1 | | | | | | | |
| | - | US- | | | | | | | | |
| | | US- | | | | | _ | | | |
| - | - | US- | | | | | | | | |
| | | U\$- | | | | | | <u></u> | | |
| | | US- | | | | | | <u> </u> | | |
| | | US- | | | | | | | | |
| | | US- | | | | | | | _ | |
| | | US- | | | | | | ļ | | |
| | | US- | | | | | | <u></u> | | |
| | | US- | | | | | | | ļ. <u></u> | |
| | | US- | ļ | | | | | | | |
| | | US- | - | | | | | <u> </u> | | |
| | | US- | | | | | | | | |
| | | US- | ,l | - | | | | | | |
| | | | FOREIGN | DATE | NT DOCK | MENTS | | | <u></u> . | ÷ |
| | | Foreign Patent Do | | 1 | | Name of P | tonica er | Pages, Colur | | |
| Examiner Initials* | Cite No.1 | | Country Coda ² - Number ⁴ - Kind Cods ⁵ (if known | | Publication Date | Applicant of Cited Document | | Where Re Passages of | | |
| | No. | Country Codo ² - Number - Kir | | | DA-DD-YYYY | | | Figures A | | ٢ |
| | | | " | | | | | | | |
| | | | | | | | | | | ļ |
| | | | | | | | | | ļ | <u> </u> |
| | | | | | | Ļ | | _ | | ┞— |
| | | | | | | | | | | ļ |
| | | | | | | <u> </u> | | | | |
| | | | | | | <u> </u> | | | <u> </u> | <u> </u> |
| | | | | - - | | | | | ļ | |
| | <u> </u> | | | i_ | | | | <u> </u> | | |
| | 1 | · · · · · · · · · · · · · · · · · · · | | - | Date | T | - | | | _ |
| Examiner Signature | | | | | Consid | ered | | | | |

*EXAMINER: Initial if reference considered, whether or not distill is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patient Documents at https://www.usptp.gov/ or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patient documents, the indication of the year of the reign of the Emperor must precede the serial number of the patient document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. *Applicant is to place a check mark here if English language Translation is affached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including pathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

ETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.